

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 82 | @ad<="20030917" and 'x-ray' same photoconduct\$3 and ("Hgl. sub.2" or "Pbl.sub.2") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 14:01 |
| L2 | 162 | @ad<="20030917" and 'x-ray' same conver\$4 and ("Hgl.sub.2" or "Pbl.sub.2") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 12:36 |
| L3 | 66 | @ad<="20030917" and 'x-ray' same conver\$4 with 'layer' and ("Hgl.sub.2" or "Pbl.sub.2") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 13:05 |
| L4 | 121 | "Hgl.sub.2" and "Pbl.sub.2" and 'x-ray' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 14:28 |
| L5 | 248 | (250/370.14).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 12:55 |
| L6 | 934 | (250/370.09).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 12:57 |
| L7 | 42 | (250/370.09).ccls. and "Hgl.sub.2" and "Pbl.sub.2" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 14:09 |
| L8 | 12 | @ad<="20030917" and 'x-ray' same conver\$4 with 'layer' and ("Hgl.sub.2" or "Pbl.sub.2") and ('INP' or 'PIN') | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 13:58 |
| L9 | 16 | @ad<="20030917" and 'x-ray' same conver\$4 with 'layer' and ("Hgl.sub.2" or "Pbl.sub.2") and ('INP' or 'PIN' or junction) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 13:06 |
| L10 | 59 | 'mercuric iodide' and 'lead iodide' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 13:21 |
| L11 | 142 | "Hgl.sub.2" and "Pbl.sub.2" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 13:21 |

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| L12 | 17 | @ad<="20030917" and 'x-ray' and conver\$4 and 'plurality' same 'metal halide' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 13:59 |
| L13 | 2 | @ad<="20030917" and 'x-ray' same photoconduct\$3 same 'metal halide' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 14:02 |
| L14 | 1 | @ad<="20030917" and 'x-ray' same 'charge conversion' same 'metal halide' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 14:04 |
| L15 | 2 | @ad<="20030917" and 'x-ray' same 'charge conversion' same "Hgl.sub.2" and "Pbl.sub.2" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 14:04 |
| L16 | 22658 | 'photoconductive layers' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 14:09 |
| L17 | 24 | @ad<="20030917" and 'heterojunction' same 'halide' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 15:08 |
| L18 | 38 | @ad<="20030917" and 'photodetector' and 'heterojunction' and 'halide' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 14:21 |
| L19 | 340 | @ad<="20030917" and 'heterojunction' and 'halides' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 15:09 |
| L20 | 18 | @ad<="20030917" and 'heterojunction' and 'halides' same 'lead' same 'mercury' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 15:23 |
| L21 | 2 | "20050082491" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 15:23 |
| S1 | 0 | @ad<="20030917" and 'photodector' and 'heterojunction' with 'mercuric iodide' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 15:41 |

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| S2 | 1 | @ad<="20030917" and 'heterojunction' with 'iodide' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 14:14 |
| S3 | 1 | @ad<="20030917" and 'heterojunction' same 'iodide' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 13:22 |
| S4 | 47 | @ad<="20030917" and 'heterojunction' same 'mercury' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 13:26 |
| S5 | 20 | @ad<="20030917" and 'heterojunction' same 'halides' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/21 14:15 |
| S6 | 474 | @ad<="20030917" and 'mercuric iodide' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 13:27 |
| S7 | 31 | @ad<="20030917" and 'mercuric iodide' and 'lead iodide' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 15:21 |
| S8 | 6 | (("5498880") or ("5729021") or ("5556716")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/20 13:32 |
| S9 | 6 | (("5319206") or ("5262649") or ("5254480")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/20 14:17 |
| S11 | 71 | @ad<="20030917" and 'x-ray' and 'photoconductive' with 'halides' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 12:34 |
| S12 | 5 | @ad<="20030917" and 'x-ray' and 'photoconductive' same 'mercury' same 'halides' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 14:27 |
| S13 | 3 | @ad<="20030917" and 'x-ray' and 'photoconductive' same 'mercury' same 'halogen' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 14:35 |

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| S14 | 9 | @ad<="20030917" and 'x-ray' and 'mercuric' same 'lead' same 'halogen' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 14:35 |
| S15 | 446 | @ad<="20030917" and 'Hg' with 'halogen' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 14:37 |
| S16 | 21 | @ad<="20030917" and 'Hg' with 'halogen' and 'lead' with 'halogen' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 14:37 |
| S17 | 46 | 'x-ray photoconductive' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 14:41 |
| S18 | 115 | "Hgl.sub.2" and "Pbl.sub.2" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 14:42 |
| S19 | 98 | "Hgl.sub.2" and "Pbl.sub.2" and 'x-ray' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 12:53 |
| S20 | 2 | "Hgl.sub.2" same 'reduce' with 'dark current' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 15:40 |
| S21 | 2 | ("5,396,072").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/20 15:40 |
| S22 | 1127 | @ad<="20030917" and (250/370.09).ccls. or (250/580).ccls. or (257/E27.13).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/21 10:08 |
| S23 | 0 | 'photodector' same "Hgl.sub.2" same "Pbl.sub.2" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 16:12 |
| S24 | 0 | 'photodector' same "Hgl.sub.2" same "Pbl.sub.2" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 16:12 |

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| S25 | 0 | 'photodector' same ""Hgl.sub.2"" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 16:12 |
| S26 | 2 | 'photodetector' same ""Hgl.sub.2"" same ""Pbl.sub.2"" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 16:13 |
| S27 | 35 | @ad<="20030917" and 'mercury iodide' and 'lead iodide' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/20 16:16 |
| S28 | 4 | (("5925890") or ("5892227")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/21 09:14 |
| S29 | 1870 | @ad<="20030917" and (257/438).ccls. or (257/461).ccls. or (250/370.12).ccls. or (250/370.13).ccls. or (250/591).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/21 09:53 |
| S30 | 317 | @ad<="20030917" and (257/e27.14).ccls. or (257/e31.092).ccls. or (257/E31.086).ccls. or (257/e27.146).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/21 14:32 |
| S31 | 8 | (("5061973") or ("5886353") or ("6147391") or ("6306739")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/12/21 14:32 |
| S32 | 2 | "20050056829" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 14:54 |
| S33 | 8 | 'Green Michael C' and 'varian' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 14:54 |
| S34 | 34 | @ad<="20030917" and 'mercuric iodide' and 'lead iodide' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/13 13:21 |

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| S35 | 4 | (("5498880") or ("5729021")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:42 |
| S36 | 2 | ("5892227").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/09 15:42 |
| S38 | 3190 | heterojunction same ('P/N' junction) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/21 14:15 |
| S39 | 24 | @ad<="20030917" and 'heterojunction' same 'halides' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/21 14:18 |
| S40 | 2 | @ad<="20030917" and 'heterojunction' and "Hgl.sub.2" and "Pbl.sub.2" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/21 14:20 |